BOROUGH OF LOUGHBOROUGH

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH and INSPECTOR OF NUISANCES for the Year ending 31st.December 1918.

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REPORT OF MEDICAL OFFICER OF HEALTH

To the Town Council of the Borough of Loughborough.

Gentlemen,

I have the honour to present to you my Annual Report for the year 1918. In a circular letter issued by the Local Government Board it is suggested that many details usually inserted in the Annual Reports,such as description of district,particulars of Water supplies, Sewage disposal etc., might be omitted,and that the Reports need not be printed but preferably typewritten and confined to essential and urgent matters which have affected the Public Health during the year, especially any matters arising from or connected with the War,outbreaks of Infectious Disease,and measures for maternity and child welfare etc.

Area in Statute Acres, 3045
Population (Census 1911) 22,990
Registrar Generals estimate for 1918,for Death Rate 22,045
for Birth Rate 24,701.
No.of inhabited Houses,6056.
Average number of persons per house,3·8.

INFECTIOUS DISEASE, Methods of dealing with :-

An Isolation Hospital is provided for cases of Enteric Fever and Diphtheria,and,where proper isolation cannot be carried out at home,of occasional cases of Scarlet Fever.

Disinfection is accomplished by :- (1) The Steam Disinfector at the Sewage Farm, (2) Fumigation with sulphur and Formic Aldehyde, and (3) Spraying with Izal,Formalin, and Perchloride of Mercury.

SOLDIERS ENGAGED IN AGRICULTURAL WORK

Instructions were received from the County Medical Officer that Soldiers employed on Farm work should be kept under observation as regards infectious cases in the houses, the general sanitary conditions of the houses as regards the light and ventilation,air space and overcrowding and cleanliness of the billet. A large number of these cases were inspected by your Inspector during the year.

TUBERCULOSIS.

Public Health (Tuberculosis)Regulations 1912.

This Council has arranged to join the County Scheme for Sanatoria and Hospital treatment.Health Visitors have been appointed to visit and advise all cases of Tuberculosis.

The rooms occupied by the patients are periodically disinfected by the Sanitary Inspector with Formalin and when a removal takes place or a death occurs the rooms

are fumigated and the paper stripped off the walls, the walls and room washed with a disinfectant and limewashed and the beds put through the Steam Disinfector.

SCARLET FEVER

15 cases of this disease were notified. 2 cases were removed to the Isolation Hospital.

ERYSIPELAS

3 cases of this disease were notified.

ENTERIC FEVER

1 case of this disease was notified.

DIPHTHERIA & MEMBRANOUS CROUP

13 cases of this disease were notified. One case was removed to the Isolation Hospital.

INFECTIOUS DISEASES NOTIFIED

Diphtheria	13
Scarlet Fever	15
Enteric Fever	1
Erysipelas	3
Continued Fever	0
Opthalmia Neonatorum	1
Measles & German Measles	117
Cerebro Spinal Meningitis	1
Pulmonary Tuberculosis	42
Other forms of Tuberculosis	0

A discharged soldier was notified by the Military Authorities as a case of Paratyphoid. Three specimens of Faeces were forwarded to Dr.Mackerell for Bacteriological Examination. The results showed two negative and one positive. Instructions were given and the man was kept under observation

MIDWIVES ACT 1902

The County Council carry out this Act.

BIRTHS

The total number of Births registered in the Borough was 402,which is 36 more than last year,and is 4 per 1000 below the average of the last five years,and is an annual birth rate of 16.3 per thousand. Of these 201 were boys and 201 girls. 26 of these births were illegitimate.

MORTALITY

The total number of deaths registered in the Borough was 376;from this must be deducted 11 of persons not belonging to the Borough and 18 added of Loughborough residents,which were registered outside the Borough,which gives the correct number of deaths of Loughborough residents as 383 which is 101 more than last year,and is an annual death rate of 17.3

INFANT MORTALITY

The total number of deaths under one year is 32,which is 9 less than last year,and 18 below the average of the last five years,and is an Infantile mortality of 79.6 per 1000 births registered.

ZYMOTIC MORTALITY

The total number of deaths from Zymotic Disease including Influenza and Diarrhoea is 181, which is 136 more than last year. Of these deaths 118 were due to Influenza and Pneumonia.

EPIDEMIC OF INFLUENZA

During the months of July, October, November and December we had a very severe epidemic of Influenza and in a large number of these cases Pneumonia followed. The number of deaths from these diseases was 118.

To assist in controlling this disease the Sanitary Committee arranged for the use of a Section of the Isolation Hospital where necessitous cases, or persons who had not proper nursing and attendance, could be received and properly attended to.

They also made application to the St. Johns Ambulance Association and the Voluntary Aid Detachment Nurses to know if any of their Members would assist in nursing any sufferers from this disease.

The Commandants of these Associations very kindly placed their whole organizations at my disposal and I wish to take this opportunity of thanking them very much for their valuable services at this critical period.

The whole of the Schools were closed throughout the Borough during the Epidemic. The places of entertainment were closed to young children and notices served on the Proprietors requiring them not to give continuous entertainments, and to ventilate the premises for 30 minutes between each performance.

Where death occurred the rooms were disinfected, the bedding, clothing, carpets etc. being taken to the Steam Disinfector.

HOUSING & TOWN PLANNING ACT

The number of houses inspected is 54, and 50 of these were found to be defective and unfit for human habitation. 17 representations were made to the Committee for Closing Orders.

Before a Closing Order is made the Town Clerk communicates with the owner of the property pointing out the defects and indicating that a Closing Order will be made unless the repairs are carried out.

Defects were remedied in 33 cases without asking for a Closing Order, but 17 houses were found to be in a state so dangerous or injurious to health as to be unfit for human habitation and were closed.

STATEMENT required by Article V of the House (Inspection of District) Regulations 1910, in regard to the Inspection of dwellinghouses under Section 17 of the Housing, Town Planning etc. Act 1909.

Number of dwellinghouses inspected under and for the purposes of the Section.	54
Number of such dwellinghouses which were considered to be in a state so dangerous or injurious to health as to be unfit for human habitation	50
Number of dwellinghouses in respect of which representations were made to the Local Authority with a view to the making of Closing Orders	17
Number of houses in respect of which Closing Orders were made by the Local Authority	17
Number of dwellinghouses the defects of which were remedied without the making of Closing Orders	33
Number of dwellinghouses which, after making of Closing Orders, were made fit for human habitation	0

General Character of defects found to exist in the dwellinghouses inspected :- Defective roofs, defective rainwater conductors, damp walls, insufficient light and ventilation, dirty, damp, overcrowded rooms, insanitary drains, closets and ashpits, and defective paving of yards etc.

I am glad to see the Corporation have decided to proceed immediately with the Knightthorpe Water Supply, and would strongly advise that the question of extending the Sewer to take in the whole of the drainage of this district should be considered at an early date.

I am glad to see that the Town Council are preparing to build houses under a Housing Scheme. There is at present a great shortage of them throughout the Borough. There are numerous cases of overcrowding but it is impossible to take any effective steps in regard to them until houses are provided.

I understand that 130 are to be built at the earliest possible moment and no doubt this will meet the present need, but I believe that later on it will be found that additional Housing schemes will have to be taken in hand.

New industries are being brought into the Town, others are extending their works, quite a large number of houses are being demolished to enable the extensions to be carried out and no houses being built with exception of those under the Housing Scheme.

Some of the old houses in various parts of the Borough are not in such a state as we have a right to expect houses to be in the future, and they cannot be made fit without demolishing and rebuilding them.

For these reasons I am confident that the Corporation will have to build more houses in the future, unless circumstances and conditions arise that will enable private builders to erect houses again which does not seem probable for some time.

PREVENTION OF DISEASE

In order to prevent Infantile diarrhoea during the summer months 200 Manure Pits and Ashpits and 129 house rooms were sprayed with a solution to kill Flies. This proved very successful.

FACTORY & WORKSHOP ACT

The total number of Inspections of Factories and Workshops was 250. 9 nuisances were found existing, namely 1 dirty workshop, 2 insufficient W.C. accommodation, 1 insanitary Pail closet, 5 no Intervening ventilated space, and these were remedied.

DAIRIES COWSHEDS & MILKSHOPS ORDER

The total number of inspections of Dairies Cowsheds & Milkshops was 185; 2 nuisances were found and abated namely 1 Dairy provided, 2 W.Cs in lieu of Pail Closets.
1 New Dairy was Registered.

NOTIFICATION OF BIRTHS ACT 1907

This Act is now carried out by the Local Authority instead of by the County Council as hitherto. A Nurse has been appointed to visit and instruct parents in all cases .

INFANT WELFARE

Attached is the report of the nurse for the year, from which will be seen the amount of the work carried out. The death rate per thousand nett Births is 79.6 per thousand as compared with an average for the last five years of 102 per thousand. I am confident the instructions given to mothers at the Centre has materially contributed to this satisfactory condition.

Appended is the Sanitary Inspector's Report and Canal Boat Inspectors Report and Report of School Medical Officer to the Loughborough Education Committee on Schools in the Borough, also tabulated statistics as to population, births, and mortality for the past five years, also of infectious diseases notified, also of deaths of infants under one year.

Copies of this report, when printed, will be sent to the Ministry of Health, the Home Office, and the Leicestershire County Council.

I have the honour to be, Gentlemen,

Your obedient Servant,

N.B.M.BLACKHAM

Medical Officer of Health

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TABLE XV.- Birth Rate, Death Rate, and Analysis of Mortality during the Year 1918.

(Provisional figures. Populations estimated to the middle of 1918 have been used for the purposes of this Table).

	Birth Rate per 1000 Total Population	Annual Death Rate per 1,000 Civilian Population								Rate per 1000 Births		Percentage of Total Deaths.			
		All Causes	Enteric Fever	Small-pox	Measles	Scarlet Fever	Whooping-Cough	Diphtheria	Violence	Diarrhoea and Enteritis (under 2 years)	Total Deaths under one Year.	Deaths in Public Institutions.	Certified causes	Inquest cases	Uncertified causes of
England and Wales	17·7	17·6	0·03	0·00	0·28	0·03	0·29	0·14	0·49	10·99	97	24·3	93·3	5·4	1·3
96 Great Towns, including London (Census Populations exceeding 50,000).	17·6	18·2	0·02	0·00	0·36	0·04	0·34	0·15	0·49	14·46	106	28·4	93·4	5·8	0·8
148 Smaller Towns (Census Populations 20,000—50,000)	17·9	16·1	0·03	-	0·25	0·02	0·25	0·14	0·38	9·73	94	15·4	94·5	3·9	1·6
London	16·1	18·9	0·02	-	0·42	0·03	0·43	0·17	0·56	15·67	107	45·0	92·5	7·3	0·2

Non-civilians are included in these figures for England and Wales but not for other areas.

BOROUGH OF LOUGHBOROUGH

CAUSES OF DEATH Civilians only.

	Males	Females
ALL CAUSES	199	184
1. Enteric Fever	-	-
2. Small-pox	-	-
3. Measles	...	1
4. Scarlet Fever	-	-
5. Whooping Cough	1	1
6. Diphtheria & Croup	-	1
7. Influenza	41	53
8. Erysipelas	-	-
9. Pulmonary Tuberculosis	29	15
10. Tuberculous Meningitis	2	2
11. Other Tuberculous diseases	6	3
12. Cancer, malignant disease	7	15
13. Rheumatic fever	2.	3
14. Meningitis	-	-
15. Organic heart disease	17	16
16. Bronchitis	4.	10
17. Pneumonia (all forms)	14	10
18. Other respiratory diseases	4	1
19. Diarrhoea etc. (under 2 yrs) ...	2	1
20. Appendicitis & Typhlitis	-	-
21. Cirrhosis of liver	1	-
21a Alcoholism	-	-
22. Nephritis & Bright's disease ...	4	4
23. Puerperal fever	-	-
24. Parturition, apart from puerperal fever	-	2
25. Congenital debility etc.	10	5
26. Violence, apart from suicide ...	1	5
27. Suicide	1	1
28. Other defined diseases	53	35
29. Causes ill-defined or unknown ...	-	-
Special Causes (included above)		
Cerebro-spinal fever ...	-	-
Poliomyelitis ...	-	-
Deaths of infants under 1 year of age Total	21	11
Illegitimate	1	3
TOTAL BIRTHS	201	201
Legitimate	186	190
Illegitimate	15	11

POPULATION for Birth Rate 24701
" " Death rate 22045

BOROUGH OF LOUGHBOROUGH

1. Weekly deaths from Influenza during 1918.

	x 1	2	3	4	5	6	7	8	9	10	11	12	+ 13	Total
1st. Quarter	1													1
2nd. "														
3rd. "				1						1				2
4th. "	2	1	9	21	14	20	8	4	4	1	1	0	1	86

II. Deaths during Epidemic. Sex distribution.

Male. 38 Female 51 Total 89

III. Deaths during Epidemic. Age distribution.

Under 1 year	1
1 and " 15 years	23
15 " " 45 "	47
45 and upwards	18
Total	89

IV. Deaths during epidemic. From all forms of Pneumonia.

Under 15 years	14
15 and under 45 years	4
45 and upwards	6
Total	24

x. Week ending 5th. January.

+ " " 28th. December.

N B M BLACKHAM

Medical Officer
of Health.

REPORT OF INFANT WELFARE 1918

Clinic opened 46 times Monday Afternoons 2.30 to 4.

Number of attendances made	962
new cases	64
books (December)	121
Pregnant Mothers	8
Visits to home by Health Visitor	330

During the year talks to the mothers were given on care and management of infants and children including feeding, clothing, household management, practical cookery and bathing of infant, care of the teeth, misuse of dummies with practical demonstrations of ill-formed mouths.

A Provident Club has been successfully carried on, having 27 members against 9 in 1917.
Deposits £13.19.0 against £5.2.11 in 1917.
Withdrawn with interest £14.19.2 against £4.19.6½ in 1917.

Wool has been bought at wholesale prices from head-quarters and sold to the mothers; instruction is also given to mothers in the making of children's garments.

Many gifts of infants clothing have been received and sold or given to needy mothers.

Cow & Gate Milk is sold at wholesale prices and in necessitous cases given; very good results from this food have been obtained. Virol and Emulsion is sold or given by doctor's orders, other simple drugs are dispensed.

The Health Visitor is assisted on Monday afternoons by voluntary Lady helpers, each helper taking her own separate part of the work. A good nursery is provided for older children with toys and games under the supervision of two or more of the helpers. A cup of tea with cake is provided at the cost of 1d., being much appreciated by the mothers, especially those coming from a distance.

The work from March to July 5th. was in the hands of Nurse Vaughan,
Nurse Sheppard was appointed in October and between these dates the work was carried on by Voluntary Helpers.

REPORT OF THE SCHOOL MEDICAL OFFICER

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To the Chairman and Members of the Loughborough Education Committee.

Mr.Chairman, Mrs.Clifford and Gentlemen,

I have the honour to present to you my Report for the year 1918, on the work of the School Medical Service during that period.

The population of the Borough of Loughborough is now estimated at 25,000; at the census of 1911 it was 22,990.

GENERAL

There are 11 Schools maintained by the Committee, including 18 separate departments. The highest number on the books for the year was 4038 and the average number 4044.

During the year 1135 children have been examined.

The total is made up as follows :-

Entrants	Boys	195
	Girls	157
Intermediate	Boys	210
	Girls	309
Leavers	Boys	129
	Girls	123
Specials		12
		1135
Re-examined		867

School Closures for the Year 1918 :-

Church Gate Infants	May 1st.to 16th.	Mumps & measles.
Rosebery Street Infants	Oct.15th.to Nov.11th.	Influenza
All Schools from July 16th.to Aug.2nd.		Influenza
ditto	October 21st.to Nov.11th.	Influenza

SCHOOL CLINIC

A large amount of useful work has again been done at the School Clinic during the year. The Clinic is open each week as follows :-

Tuesday morning	Treatment of minor ailments dressings & dispensing medicines
Tuesday afternoons	Eye Refraction work and dental treatment.
Friday morning	Treatment of minor ailments, Dressings & dispensing medicines

No. of times opened for minor ailments	80
Number of attendances	3562
Number of children treated	815

DENTISTRY

No. of times opened	30
No. of attendances including 2nd.& 3rd.visits	407
No. of extractions of permanent teeth	38
No. of extractions of temporary teeth	847
No. of fillings	218
No.of dressings	15

The parents of children now begin to show appreciation of the Dentistry Department. 58% of parents consented to treatment being given as compared with 24% during 1917.

RINGWORM

This complaint has been very light this year.

SCABIES

This disease has again been very troublesome but has not been so bad as during 1917.

CLEANLINESS

Great difficulty has been experienced by trying to keep the children up to the usual standard of cleanliness and clothing, owing to many mothers going to work and having little control over the children.

Taking the children as a whole they have been better shod than in 1917.

The weights of children at the Medical Inspections have improved during the last six months of the year and also the nutrition of the children has improved.

Six children have been sent out of School on account of verminous heads during 1918. The average of clean heads is 90%.

Seven families have been reported to the N.S.P.C.C. in respect of 24 children.

TONSILS AND ADENOIDS

The arrangements to send children to the Loughborough General Hospital as reported last year are still working very satisfactorily.

I have the honour to be,

Mr.Chairman, Mrs.Clifford and Gentlemen,

Your Obedient Servant,

N.B.M.BLACKHAM.

School Medical Officer.

25 Victoria Street,
Loughborough.
April 1919.

REPORT OF INSPECTOR OF NUISANCES

Sanitary Inspector's Office

Town Hall, Loughborough.

July 2nd. 1919.

TO His Worship The Mayor and Members of the Town Council.

Gentlemen,

I have pleasure in submitting for your consideration my tenth Annual Report on the operations of the Sanitary Department for the year ending December 31st. 1918.

We have been requested to make the Report as brief and concise as possible this year and I have tried to do so.

I wish to thank my Committee most heartily for their unfailing support throughout the year.

I am, Gentlemen,
Your Obedient Servant,

H. BINTCLIFFE.

SUMMARY OF WORK DONE.

Drains taken out	19
New Drains laid	22
Drains stopped and cleansed	81
Drains defective	9
Gullies affixed	10
Sink Drains disconnected	3
Sink Wastes repaired	6
New Sinkstones	2
Cesspools dispensed with	1
Accumulations of Manure	4
Accumulations of Rubbish	1
Yard Surface repaired	4
Water Conductors repaired	11
Water Cisterns cleansed	3
Water Closets repaired	19
Dirty Closets cleansed	2
Dilapidated Doors & Windows repaired & made to open	4
Floors repaired	8
Yards paved	6
Animals in properly kept	5
New Urinals	2
Rabbits and Fowls kept	2
Overcrowded Houses	3
Dirty Houses cleansed	59
Roofs repaired	37
Damp Courses	5
Damp Walls	2
Dilapidations repaired	5
Drains ventilated and disconnected	10
W.C's in lieu of privies	2
W.C's in lieu of Pails	4
Ashpits dispensed with	5
Dustbins provided	98

Houses cleansed after Cases of Infectious Disease	33
Closet Pails provided	37
Plaster off Walls	7
Cesspools enlarged	1
Number of Notices issued	276
" " " complied with	238
" " House to House Inspections ...	54
" " Infected Houses visited	502
" " " Rooms sprayed	472
" " " " fumigated	110
" " Cabs sprayed	36
" " Ashpits "	200
" " Rooms sprayed with Fly Quit ...	129
" " " Washed and stripped	33
Lots of Bedding stoved at Farm	90
" " destroyed at Farm	20
Samples of Water submitted for Analysis ...	1
Drains and other Inspections	3715
Communications re dust removals	106
Complaints received	27
Common Lodging Houses inspected	42
Factory Workshop and Bake.houses inspected ...	250
Dairies Cowsheds and Milkshops inspected ...	185
Slaughterhouses inspected	526
Outworkers inspected	35
Petrol Stores inspected	1
Schools inspected	17
" disinfected	17
Animals improperly kept	5
Drains tested	86
Legal Proceedings	4
Convictions	4
lbs.of Beef seized	6554
" Pork "	1101
" Mutton "	462
" Tomatoes seized	5
Condensed Milk seized	5 tins.
Mussels seized	3 bags 1 barrel
Yeast seized	6 Bags
Kippers "	11 boxes
Haddocks "	1 box
Oranges "	9 cases
Corned beef seized	24 lbs.
Onions seized	45 cases
Black Puddings seized	21½ lbs.
Bacon seized	550 lbs.
Ham "	279 "
Salmon "	7 tins.
Strawberries	1 jar
No.of Privies emptied	94
" Dry Ashpits emptied	7062
Total No of Loads	5984
No.of Loads of Dry Ashes	4824
" to Destructor	4651
" to Thorpe Lane & Park Rd.Gardens ...	177
" of Night Soil and Pan Manure ...	1156

TO THE SANITARY AUTHORITY FOR THE BOROUGH OF LOUGHBOROUGH

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Gentlemen,

I beg to present to you my Annual Report as Canal Boat Inspector for the Borough of Loughborough for the year ending the 31st.December 1918.

40 Inspections have been made and 8 contraventions met with viz :-

4 Cabins requiring cleaning and painting.

2 Defective roofs and dirty cabins.

2 Water Vessels not provided.

On the contraventions being brought to the notice of the owners the defective roofs were repaired and the cabins cleaned, and water vessels provided. Of the 4 cases requiring cleaning and painting 1 has been attended to, 2 boats are now on dock and the use of one boat will be discontinued and a new boat substituted.

Two boats have been transferred during the year viz :- Princess May and Vera from E.W.Atkin & Son to Mr.J.Simmons

No cases of Infectious Disease were found on the boats inspected.

The number of effective Boats on the Register is 19.

I am, Gentlemen,

Your Obedient Servant,

W J MUNTON

Canal Boat Inspector.